Name Class

Teacher Date

HW #

=====================================================================

*Directions: Complete the ratio table and answer the questions. Make sure to explain your answers as well as the process you went through to get the answers.*

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Pianos and pipe organs contain keyboards, a portion of

which is shown in the picture to the right.

What is the ratio of black keys to white keys in the picture above?

|  |  |  |  |
| --- | --- | --- | --- |
| Black Keys | 5 |  | 240 |
| White Keys |  | 35 |  |

If the pattern shown continues, how many black keys appear on a portable keyboard with 35 white keys?

If the pattern shown continues, how many white keys appear on a pipe organ with 240 black keys?